

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: December 19, 2002, 15:00:28 ; Search time 146 Seconds
(without alignments)
2503.861 Million cell updates/sec

Title: US-08-813-323B-1

Perfect score: 2994

Sequence: 1 MESSKMDAAGTLPNPPLK.....IKDDTIFIKYIVTSDLPDP 567

Scoring table:

Gapop 10.0 , Gapext 0.5

Searched: 4569144 seqs, 644733110 residues

Total number of hits satisfying chosen parameters: 4569144

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database :

Pending_Patents_AA_Main:*

1: /cgn2-6/ptodata/1/paa/PCNUS_COMB.pep.*
2: /cgn2-6/ptodata/1/paa/US06_COMB.pep.*
3: /cgn2-6/ptodata/1/paa/US07_COMB.pep.*
4: /cgn2-6/ptodata/1/paa/US08_COMB.pep.*
5: /cgn2-6/ptodata/1/paa/US081_COMB.pep.*
6: /cgn2-6/ptodata/1/paa/US082_COMB.pep.*
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8: /cgn2-6/ptodata/1/paa/US084_COMB.pep.*
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12: /cgn2-6/ptodata/1/paa/US088_COMB.pep.*
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21: /cgn2-6/ptodata/1/paa/US097_COMB.pep.*
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23: /cgn2-6/ptodata/1/paa/US099_COMB.pep.*
24: /cgn2-6/ptodata/1/paa/US100_COMB.pep.*
25: /cgn2-6/ptodata/1/paa/US101_COMB.pep.*
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27: /cgn2-6/ptodata/1/paa/US60_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	2994	100.0	567 12 US-08-813-323B-1	Sequence 1, Appl1
2	2994	100.0	567 21 US-09-791-537-60703	Sequence 60703, A
3	2987	99.8	566 12 US-08-813-323A-1	Sequence 1, Appl1
4	2974	99.3	567 21 US-09-791-537-40449	Sequence 40449, A
5	2886.5	96.4	568 12 US-08-813-323A-2	Sequence 2, Appl1
6	2886.5	96.4	568 12 US-08-813-323B-2	Sequence 2, Appl1

7	2886.5	96.4	568 21 US-09-791-537-42127	Sequence 42127, A
8	2886.5	96.4	568 25 US-10-116-275-173	Sequence 173, App
9	2880.5	96.2	568 1 PCT-US02-17382-131	Sequence 131, App
10	2880.5	96.2	568 7 US-08-367-540A-7	Sequence 7, Appl1
11	2880.5	96.2	568 7 US-08-367-540B-7	Sequence 7, Appl1
12	2880.5	96.2	568 7 US-08-367-540C-7	Sequence 7, Appl1
13	2880.5	96.2	568 21 US-09-791-537-84441	Sequence 84441, A
14	2880.5	96.2	568 24 US-10-042-865-166	Sequence 166, App
15	2859	95.5	567 1 PCT-US95-06623-2	Sequence 2, Appl1
16	2859	95.5	567 6 US-08-404-832-2	Sequence 2, Appl1
17	2859	95.5	567 16 US-09-224-556-2	Sequence 2, Appl1
18	2859	95.5	567 20 US-09-645-926A-7	Sequence 2, Appl1
19	2859	95.5	567 21 US-09-791-537-145945	Sequence 145945, A
20	2859	95.5	567 26 US-10-207-655-103	Sequence 103, App
21	2859	95.5	567 26 US-10-242-212-7	Sequence 7, App
22	2718	90.8	543 1 PCT-US02-17382-129	Sequence 129, App
23	2718	90.8	543 21 US-09-791-537-5588	Sequence 5588, Ap
24	2710	90.5	543 21 US-09-757-041-2	Sequence 2, Appl1
25	2710	90.5	543 21 US-09-757-041A-2	Sequence 2, Appl1
26	2610	87.2	861 27 US-60-212-664-479	Sequence 479, App
27	2600	86.8	611 27 US-60-230-435-1071	Sequence 1071, Ap
28	2102.5	70.2	438 1 PCT-US00-06503-2	Sequence 2, Appl1
29	2102.5	70.2	438 23 US-09-950-902-2	Sequence 2, Appl1
30	1825	61.0	398 27 US-60-245-221-86	Sequence 86, Appl
31	1613	53.9	347 1 PCT-US00-06503-4	Sequence 4, Appl1
32	1613	53.9	347 23 US-09-950-902-4	Sequence 4, Appl1
33	1243	41.5	538 15 US-09-170-208-1	Sequence 1, Appl1
34	1243	41.5	538 21 US-09-791-537-40451	Sequence 40451, A
35	1243	41.5	538 24 US-09-791-537-93436	Sequence 93436, A
36	1243	41.5	558 21 US-10-042-865-164	Sequence 164, App
37	1243	41.5	558 24 US-10-042-865-165	Sequence 165, App
38	1189.5	39.7	538 21 US-09-791-537-77702	Sequence 77702, A
39	1189.5	39.7	538 24 US-10-042-865-163	Sequence 163, App
40	1189.5	39.7	537 15 US-09-170-208-4	Sequence 4, Appl1
41	1189.5	39.7	537 21 US-09-791-537-125567	Sequence 125567, A
42	1189.5	39.7	557 24 US-10-042-865-162	Sequence 162, App
43	1180	39.4	557 24 US-10-042-865-38	Sequence 38, Appl
44	1128	37.7	536 24 US-10-042-865-50	Sequence 50, Appl
45	1083	36.2	212 21 US-09-760-466-824	Sequence 824, App

ALIGNMENTS

RESULT 1
US-08-813-323B-1 Application US/08813323B
GENERAL INFORMATION:
APPLICANT: Baltimore, David
APPLICANT: Cheng, Genhong
APPLICANT: Ye, Zheng-Sheng
APPLICANT: Lederman, Seth
TITLE OF INVENTION: Truncated Craf-1 Inhibits CD40 Signalling
FILE REFERENCE: 0575/50659
CURRENT APPLICATION NUMBER: US/08/813,323B
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 567
TYPE: PRT
ORGANISM: Mouse Sp.
US-08-813-323B-1

Query Match 100.0%; Score 2994; DB 12; Length 567;
Best Local Similarity 100.0%; Pred. No. 6.4e-219;
Matches 567; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 1 MESSKMDAAGTLPNPPLKLPDRAGSVLPVPEGGYKEKYVYEDKCKECLVLC 60
1 MESSKMDAAGTLPNPPLKLPDRAGSVLPVPEGGYKEKYVYEDKCKECLVLC 60

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QY 61 NPKOTEGHRCFESCMALLSSSSPKTACQESIITKDFKONCKKREITLALOYCCRNIG 120
DB 61 NPKOTEGHRCFESCMALLSSSSPKTACQESIITKDFKONCKKREITLALOYCCRNIG 120
QY 121 RGCABOLITGLHLVHLKNECOFEELPCLRADCKEVLKRLDRHYERACKYREATCSHCK 180
DB 121 RGCABOLITGLHLVHLKNECOFEELPCLRADCKEVLKRLDRHYERACKYREATCSHCK 180
QY 181 SOVPMIRKIQKHEDTDCPCVVVSCPHKCSVOITLRLSELSAHLSKVNAVSTCSFKRYGCVF 240
DB 181 SOVPMIRKIQKHEDTDCPCVVVSCPHKCSVOITLRLSELSAHLSKVNAVSTCSFKRYGCVF 240
QY 241 OCTNOQITKAHEASSAVOHVNLKENSLEKVSLLQNESVEKNKSIOSLHNOICSEFIE 300
DB 241 OCTNOQITKAHEASSAVOHVNLKENSLEKVSLLQNESVEKNKSIOSLHNOICSEFIE 300
QY 301 IEROKEMLRNNESEKILHLQVVIDSOAEKLEKDEIRPFROMNEEADSMKSSVESLQNVY 360
DB 301 IEROKEMLRNNESEKILHLQVVIDSOAEKLEKDEIRPFROMNEEADSMKSSVESLQNVY 360
QY 361 TELESVDKSAGQAARNTGLLESQLSRHDQTLVHDIRLADMRLRQVLETAASYNGVLIWK 420
DB 361 TELESVDKSAGQAARNTGLLESQLSRHDQTLVHDIRLADMRLRQVLETAASYNGVLIWK 420
QY 421 IRDYKRRKQEAVMGKTLSTLSQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRGE 480
DB 421 IRDYKRRKQEAVMGKTLSTLSQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRGE 480
QY 481 YDALLPWPFKQKVTLMIMDOGSSRRHLGDAFKPDPNSSSFKPTGEMNIASGCPVFAOT 540
DB 481 YDALLPWPFKQKVTLMIMDOGSSRRHLGDAFKPDPNSSSFKPTGEMNIASGCPVFAOT 540
QY 541 VLENGTYIKDDTIFIKVIYDTSIDLDP 567
DB 541 VLENGTYIKDDTIFIKVIYDTSIDLDP 567

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RESULT 2

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US-09-791-537-60703
; Sequence 60703, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Bionomix, Inc.
; APPLICANT: Dabez, Derek
; APPLICANT: Dabez, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBERS
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 60703
; LENGTH: 567
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-791-537-60703

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Query Match 100.0%: Score 2994; DB 21; Length 567;
Best Local Similarity 100.0%: Pred. No. 6.4e-219;
Matches 567; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MESSKMDAAGTLQPNPLKLPDRGAGSVLVEGQYKEKFKVTEDEKCKEKLVLIC 60
DB 1 MESSKMDAAGTLQPNPLKLPDRGAGSVLVEGQYKEKFKVTEDEKCKEKLVLIC 60
QY 61 NPKOTEGHRCFESCMALLSSSSPKTACQESIITKDFKONCKKREITLALOYCCRNIG 120
DB 61 NPKOTEGHRCFESCMALLSSSSPKTACQESIITKDFKONCKKREITLALOYCCRNIG 120
QY 121 RGCABOLITGLHLVHLKNECOFEELPCLRADCKEVLKRLDRHYERACKYREATCSHCK 180
DB 121 RGCABOLITGLHLVHLKNECOFEELPCLRADCKEVLKRLDRHYERACKYREATCSHCK 180

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QY 181 SOVPMIRKIQKHEDTDCPCVVVSCPHKCSVOITLRLSELSAHLSKVNAVSTCSFKRYGCVF 240
DB 181 SOVPMIRKIQKHEDTDCPCVVVSCPHKCSVOITLRLSELSAHLSKVNAVSTCSFKRYGCVF 240
QY 241 OCTNOQITKAHEASSAVOHVNLKENSLEKVSLLQNESVEKNKSIOSLHNOICSEFIE 300
DB 241 OCTNOQITKAHEASSAVOHVNLKENSLEKVSLLQNESVEKNKSIOSLHNOICSEFIE 300
QY 301 IEROKEMLRNNESEKILHLQVVIDSOAEKLEKDEIRPFROMNEEADSMKSSVESLQNVY 360
DB 301 IEROKEMLRNNESEKILHLQVVIDSOAEKLEKDEIRPFROMNEEADSMKSSVESLQNVY 360
QY 361 TELESVDKSAGQAARNTGLLESQLSRHDQTLVHDIRLADMRLRQVLETAASYNGVLIWK 420
DB 361 TELESVDKSAGQAARNTGLLESQLSRHDQTLVHDIRLADMRLRQVLETAASYNGVLIWK 420
QY 421 IRDYKRRKQEAVMGKTLSTLSQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRGE 480
DB 421 IRDYKRRKQEAVMGKTLSTLSQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRGE 480
QY 481 YDALLPWPFKQKVTLMIMDOGSSRRHLGDAFKPDPNSSSFKPTGEMNIASGCPVFAOT 540
DB 481 YDALLPWPFKQKVTLMIMDOGSSRRHLGDAFKPDPNSSSFKPTGEMNIASGCPVFAOT 540
QY 541 VLENGTYIKDDTIFIKVIYDTSIDLDP 567
DB 541 VLENGTYIKDDTIFIKVIYDTSIDLDP 567

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RESULT 3

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US-08-813-323A-1
; Sequence 1, Application US/08813323A
; GENERAL INFORMATION:
; APPLICANT: Baltimore, David
; APPLICANT: Cheng, Genhong
; APPLICANT: Cleary, Aileen
; APPLICANT: Lederman, Seth
; APPLICANT: Ye, Zheng-sheng
; TITLE OF INVENTION: TRUNCATED CRAFT INHIBITORS CD40 SIGNALING
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham, LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036

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COMPUTER READABLE FORM:

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/813,323A
FILING DATE:
CLASSIFICATION: 530

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ATTORNEY/AGENT INFORMATION:

```

NAME: White, John P
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 50659
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525

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INFORMATION FOR SEQ ID NO: 1:

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SEQUENCE CHARACTERISTICS:
LENGTH: 566 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Peptide
LOCATION: 1..566

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US-08-813-323A-1

Query Match 99.8%; Score 2987; DB 12; Length 566;
 Best Local Similarity 100.0%; Pred. No. 2,2e-218;
 Matches 566; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MESSKKMDAAGTLQPNPPLKQPRGAGSVLPEQGYKEKEFKTVEDKXCEKCRVLVC 60
 DB 1 MESSKKMDAAGTLQPNPPLKQPRGAGSVLPEQGYKEKEFKTVEDKXCEKCRVLVC 60
 QY 61 NPKOTEGHRCFESCMALLSSSPKCTACQESIIRKDKVFNCKCKREILALQVYCRNEG 120
 DB 61 NPKOTEGHRCFESCMALLSSSPKCTACQESIIRKDKVFNCKCKREILALQVYCRNEG 120
 QY 121 RGCAGQLTLGHLVHLKNECOFEELPCLRADCKEVLKRDLDHVEKACKYREATCSHCK 180
 DB 121 RGCAGQLTLGHLVHLKNECOFEELPCLRADCKEVLKRDLDHVEKACKYREATCSHCK 180
 QY 181 SOYPMIKLOKHEDTDCPCVYVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCVF 240
 DB 181 SOYPMIKLOKHEDTDCPCVYVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCVF 240
 QY 241 QGTNOQIKHAHESASAVOHVNLKEMSNLEKRVSLQNESVEKNKSISQSLHNOICSFETE 300
 DB 241 QGTNOQIKHAHESASAVOHVNLKEMSNLEKRVSLQNESVEKNKSISQSLHNOICSFETE 300
 QY 301 IEROKEMLRNNESEKILHLQVVIDSOAEKLELDEKIRPFQONWEADSMKSSVESLQNRV 360
 DB 301 IEROKEMLRNNESEKILHLQVVIDSOAEKLELDEKIRPFQONWEADSMKSSVESLQNRV 360
 QY 361 TELESVDKSAGQAAARNTGLLESQLSRHQDTLSVHDIRLADMDFRQVLETAASYNGVLIWK 420
 DB 361 TELESVDKSAGQAAARNTGLLESQLSRHQDTLSVHDIRLADMDFRQVLETAASYNGVLIWK 420
 QY 421 IRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNDGDKGTHLSLFFVIMRGE 480
 DB 421 IRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNDGDKGTHLSLFFVIMRGE 480
 QY 481 YDALLPMPFKQKVTLMMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAAGCPVFAQT 540
 DB 481 YDALLPMPFKQKVTLMMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAAGCPVFAQT 540
 QY 541 VLENGTYIKDDTIFIKYIVDTSDLPD 566
 DB 541 VLENGTYIKDDTIFIKYIVDTSDLPD 566

RESULT 4

US-09-791-537-40449
 ; Sequence 40449, Application US/09791537
 ; GENERAL INFORMATION:
 ; APPLICANT: Bionomix, Inc.
 ; APPLICANT: Debe, Derek
 ; APPLICANT: Danzer, Joseph
 ; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBERS
 ; FILE REFERENCE: 261/210
 ; CURRENT APPLICATION NUMBER: US/09/791,537
 ; CURRENT FILING DATE: 2001-02-22
 ; NUMBER OF SEQ ID NOS: 153055
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 40449
 ; LENGTH: 567
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-09-791-537-40449

Query Match 99.3%; Score 2974; DB 21; Length 567;
 Best Local Similarity 99.5%; Pred. No. 2,2e-217;
 Matches 564; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
 QY 1 MESSKKMDAAGTLQPNPPLKQPRGAGSVLPEQGYKEKEFKTVEDKXCEKCRVLVC 60
 DB 1 MESSKKMDAAGTLQPNPPLKQPRGAGSVLPEQGYKEKEFKTVEDKXCEKCRVLVC 60

DB 1 MESSKKMDAAGTLQPNPPLKQPRGAGSVLPEQGYKEKEFKTVEDKXCEKCRVLVC 60
 QY 61 NPKOTEGHRCFESCMALLSSSPKCTACQESIIRKDKVFNCKCKREILALQVYCRNEG 120
 DB 61 NPKOTEGHRCFESCMALLSSSPKCTACQESIIRKDKVFNCKCKREILALQVYCRNEG 120
 QY 121 RGCAGQLTLGHLVHLKNECOFEELPCLRADCKEVLKRDLDHVEKACKYREATCSHCK 180
 DB 121 RGCAGQLTLGHLVHLKNECOFEELPCLRADCKEVLKRDLDHVEKACKYREATCSHCK 180
 QY 181 SOYPMIKLOKHEDTDCPCVYVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCVF 240
 DB 181 SOYPMIKLOKHEDTDCPCVYVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCVF 240
 QY 241 QGTNOQIKHAHESASAVOHVNLKEMSNLEKRVSLQNESVEKNKSISQSLHNOICSFETE 300
 DB 241 QGTNOQIKHAHESASAVOHVNLKEMSNLEKRVSLQNESVEKNKSISQSLHNOICSFETE 300
 QY 301 IEROKEMLRNNESEKILHLQVVIDSOAEKLELDEKIRPFQONWEADSMKSSVESLQNRV 360
 DB 301 IEROKEMLRNNESEKILHLQVVIDSOAEKLELDEKIRPFQONWEADSMKSSVESLQNRV 360
 QY 361 TELESVDKSAGQAAARNTGLLESQLSRHQDTLSVHDIRLADMDFRQVLETAASYNGVLIWK 420
 DB 361 TELESVDKSAGQAAARNTGLLESQLSRHQDTLSVHDIRLADMDFRQVLETAASYNGVLIWK 420
 QY 421 IRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNDGDKGTHLSLFFVIMRGE 480
 DB 421 IRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNDGDKGTHLSLFFVIMRGE 480
 QY 481 YDALLPMPFKQKVTLMMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAAGCPVFAQT 540
 DB 481 YDALLPMPFKQKVTLMMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAAGCPVFAQT 540
 QY 541 VLENGTYIKDDTIFIKYIVDTSDLPD 567
 DB 541 VLENGTYIKDDTIFIKYIVDTSDLPD 567

RESULT 5

US-08-813-323A-2
 ; Sequence 2, Application US/08813323A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baltimore, David
 ; APPLICANT: Cheng, Genhong
 ; APPLICANT: Cleary, Aileen
 ; APPLICANT: Lederman, Seth
 ; APPLICANT: Ye, Zheng-sheng
 ; TITLE OF INVENTION: TRUNCATED CRAF1 INHIBITS CD40 SIGNALING
 ; NUMBER OF SEQUENCES: 5
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Cooper & Dunham, LLP
 ; STREET: 1185 Avenue of the Americas
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: USA
 ; ZIP: 10036
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/813,323A
 ; FILING DATE:
 ; CLASSIFICATION: 530
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: White, John P
 ; REGISTRATION NUMBER: 28,678
 ; REFERENCE/DOCKET NUMBER: 50659
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (212) 278-0400
 ; TELEFAX: (212) 391-0525

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; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 568 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1..568
; US-08-813-323A-2

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Query Match          96.4%; Score 2886.5; DB 12; Length 568;
Best Local Similarity 96.1%; Pred. No. 1e-210;
Matches 546; Conservative 7; Mismatches 14; Indels 1; Gaps 1;

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QY 1 MESSKMDAGTLPNPPLKLPDRGAGS-VLPBGGYKKEKFKVTEKCKEGRVL 59
   1 MESSKMDSPGALQTNPLKLTDRSAGTPVPEGGYKKEKFKVTEKCKEGRVL 60
QY 60 CNPKQTEGHRFCESCMALLSSSPKCTACQESIIRKDKVKNCKRELLALQYCRNE 119
   61 CSPKQTEGHRFCESCMALLSSSPKCTACQESIIRKDKVKNCKRELLALQYCRNE 120
QY 120 GRGCAEQLTLGHLVHLKNECOFEELPCRLADCKEYLRKDLRDHYEKACKYREATCSHC 179
   121 SRGCAEQLTLGHLVHLKNECOFEELPCRLADCKEYLRKDLRDHYEKACKYREATCSHC 180
QY 180 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVQTLRLSELSEAHLSVCVNAFSTCSFKRYGCV 239
   181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVQTLRLSELSEAHLSVCVNAFSTCSFKRYGCV 240
QY 240 FQGTNOQIKAHESASAVOHVNLKEMNSLEKKVSLQNESVEKNKSIOSLHNOICSEFI 299
   241 FQGTNOQIKAHESASAVOHVNLKEMNSLEKKVSLQNESVEKNKSIOSLHNOICSEFI 300
QY 300 EIEROKEMLRNNESKILHLQRYIDSOAEKLELDEKIRPRONWEADSMKSSVESLQNR 359
   301 EIEROKEMLRNNESKILHLQRYIDSOAEKLELDEKIRPRONWEADSMKSSVESLQNR 360
QY 360 VTELESVDKSAGQAAANTGLLESQLSRHQDTLSVHDIRLADMRLRFVLETAASYNGVLIV 419
   361 VTELESVDKSAGQAAANTGLLESQLSRHQDTLSVHDIRLADMRLRFVLETAASYNGVLIV 420
QY 420 KIRDYRRKROEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTLSLFFVIMRG 479
   421 KIRDYRRKROEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTLSLFFVIMRG 480
QY 480 EYDALLPWPFKOKVTLMMDQSSRRHLGDAFKPDPNSSFFKKTGEMNIAAGCPVFAQ 539
   481 EYDALLPWPFKOKVTLMMDQSSRRHLGDAFKPDPNSSFFKKTGEMNIAAGCPVFAQ 540
QY 540 TVLENGTYIKDDTIFIKVIYDTSLDLP 567
   541 TVLENGTYIKDDTIFIKVIYDTSLDLP 568

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RESULT 6
US-08-813-323B-2
; Sequence 2, Application US/08813323B
; GENERAL INFORMATION:
; APPLICANT: Baltimore, David
; APPLICANT: Cheng, Genhong
; APPLICANT: Ye, Zheng-Sheng
; APPLICANT: Lederman, Seth
; APPLICANT: Cleary, Aileen
; TITLE OF INVENTION: Truncated Craf-1 Inhibits CD40 Signalling
; FILE REFERENCE: 0575/50659
; CURRENT APPLICATION NUMBER: US/08/813,323B
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2

```

```

; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo Sapiens
; US-08-813-323B-2

```

```

Query Match          96.4%; Score 2886.5; DB 12; Length 568;
Best Local Similarity 96.1%; Pred. No. 1e-210;
Matches 546; Conservative 7; Mismatches 14; Indels 1; Gaps 1;

```

```

QY 1 MESSKMDAGTLPNPPLKLPDRGAGS-VLPBGGYKKEKFKVTEKCKEGRVL 59
   1 MESSKMDSPGALQTNPLKLTDRSAGTPVPEGGYKKEKFKVTEKCKEGRVL 60
QY 60 CNPKQTEGHRFCESCMALLSSSPKCTACQESIIRKDKVKNCKRELLALQYCRNE 119
   61 CSPKQTEGHRFCESCMALLSSSPKCTACQESIIRKDKVKNCKRELLALQYCRNE 120
QY 120 GRGCAEQLTLGHLVHLKNECOFEELPCRLADCKEYLRKDLRDHYEKACKYREATCSHC 179
   121 SRGCAEQLTLGHLVHLKNECOFEELPCRLADCKEYLRKDLRDHYEKACKYREATCSHC 180
QY 180 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVQTLRLSELSEAHLSVCVNAFSTCSFKRYGCV 239
   181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVQTLRLSELSEAHLSVCVNAFSTCSFKRYGCV 240
QY 240 FQGTNOQIKAHESASAVOHVNLKEMNSLEKKVSLQNESVEKNKSIOSLHNOICSEFI 299
   241 FQGTNOQIKAHESASAVOHVNLKEMNSLEKKVSLQNESVEKNKSIOSLHNOICSEFI 300
QY 300 EIEROKEMLRNNESKILHLQRYIDSOAEKLELDEKIRPRONWEADSMKSSVESLQNR 359
   301 EIEROKEMLRNNESKILHLQRYIDSOAEKLELDEKIRPRONWEADSMKSSVESLQNR 360
QY 360 VTELESVDKSAGQAAANTGLLESQLSRHQDTLSVHDIRLADMRLRFVLETAASYNGVLIV 419
   361 VTELESVDKSAGQAAANTGLLESQLSRHQDTLSVHDIRLADMRLRFVLETAASYNGVLIV 420
QY 420 KIRDYRRKROEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTLSLFFVIMRG 479
   421 KIRDYRRKROEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTLSLFFVIMRG 480
QY 480 EYDALLPWPFKOKVTLMMDQSSRRHLGDAFKPDPNSSFFKKTGEMNIAAGCPVFAQ 539
   481 EYDALLPWPFKOKVTLMMDQSSRRHLGDAFKPDPNSSFFKKTGEMNIAAGCPVFAQ 540
QY 540 TVLENGTYIKDDTIFIKVIYDTSLDLP 567
   541 TVLENGTYIKDDTIFIKVIYDTSLDLP 568

```

```

RESULT 7
US-09-791-537-42127
; Sequence 42127, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Biocomix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY ME
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 42127
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-791-537-42127

```

```

Query Match          96.4%; Score 2886.5; DB 21; Length 568;
Best Local Similarity 96.1%; Pred. No. 1e-210;
Matches 546; Conservative 7; Mismatches 14; Indels 1; Gaps 1;

```

```

QY 1 MESSKMDAGTLOPNPLKLPDRGAGS-VLVPBEGGYKKEFKVTVEDKYCEKCRVL 59
  1 MESSKMDSPGALQTNPLKLTDRSAGTPEVPEBGGYKKEFKVTVEDKYCEKCHLV 60
  60 CNPQTECGHGFCESCMAALLSSSPKCTACQESITIKDKVFNCKREILALQYCRNE 119
  61 CSPKOTEGHGFCESCMAALLSSSPKCTACQESITIKDKVFNCKREILALQYCRNE 120
  120 GRGAEOLITGLHLVHLKNECOFEELPCLRADCKEYLRKDLRDHVEKACKYREATCSHC 179
  121 SRGAEOLITGLHLVHLKNECOFEELPCLRADCKEYLRKDLRDHVEKACKYREATCSHC 180
  180 KSOVPMILQKHEDTDCPCVAVVSCPHKCSVQTLRLSELNHLSECVNAPSTCSFRKRGCV 239
  181 KSOVPMILQKHEDTDCPCVAVVSCPHKCSVQTLRLSELNHLSECVNAPSTCSFRKRGCV 240
  240 FOGTNOQIKAEHASSAVOHVNLKEMNSLEKVSLLQNSVEKKNKSISQSLHNOISFEL 299
  241 FOGTNOQIKAEHASSAVOHVNLKEMNSLEKVSLLQNSVEKKNKSISQSLHNOISFEL 300
  300 EIERQKEMLRNNEKILHLQVIDSOAEKLELDEKIRPRONMEEADSKSSVESLQNR 359
  301 EIERQKEMLRNNEKILHLQVIDSOAEKLELDEKIRPRONMEEADSKSSVESLQNR 360
  360 VTELESVKSAGQARNTGLLESQLSRHDDTLVSHDIRLADMDLRFOVLETAASYNGVLW 419
  361 VTELESVKSAGQARNTGLLESQLSRHDDTLVSHDIRLADMDLRFOVLETAASYNGVLW 420
  420 KIRDYKRRKQEAVMGKTLSTVSOPEYTGFGYKMCARVYLANGDMGKTHLSLFEVIMRG 479
  421 KIRDYKRRKQEAVMGKTLSTVSOPEYTGFGYKMCARVYLANGDMGKTHLSLFEVIMRG 480
  480 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSFKKPTGEMNITASGCPVFAQ 539
  481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSFKKPTGEMNITASGCPVFAQ 540
  540 TVLENGTYIKDITFIKIVYVDSLPDP 567
  541 TVLENGTYIKDITFIKIVYVDSLPDP 568

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RESULT 8

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US-10-116-275-173
; Sequence 173, Application US/10116275
; GENERAL INFORMATION:
; APPLICANT: Elian Pharmaceutical Technology
; APPLICANT: O'Mahony, Daniel J.
; APPLICANT: Bravden, David
; APPLICANT: Byrne, Daragh
; APPLICANT: Lambkin, Imelda
; APPLICANT: Higgins, Lisa
; TITLE OF INVENTION: Genetic Analysis of Peyer's Patches and M Cells and Methods and
; FILE REFERENCE: E1067/20087
; CURRENT FILING DATE: 2002-10-04
; CURRENT FILING DATE: 2002-10-04
; NUMBER OF SEQ ID NOS: 349
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 173
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-116-275-173

```

```

Query Match 96.4%; Score 2886.5; DB 25; Length 568;
Best Local Similarity 96.1%; Pred. No. 1e-210;
Matches 546; Conservative 7; Mismatches 14; Indels 1; Gaps 1;
QY 1 MESSKMDAGTLOPNPLKLPDRGAGS-VLVPBEGGYKKEFKVTVEDKYCEKCRVL 59
  1 MESSKMDSPGALQTNPLKLTDRSAGTPEVPEBGGYKKEFKVTVEDKYCEKCHLV 60

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QY 60 CNPQTECGHGFCESCMAALLSSSPKCTACQESITIKDKVFNCKREILALQYCRNE 119
  61 CSPKOTEGHGFCESCMAALLSSSPKCTACQESITIKDKVFNCKREILALQYCRNE 120
  120 GRGAEOLITGLHLVHLKNECOFEELPCLRADCKEYLRKDLRDHVEKACKYREATCSHC 179
  121 SRGAEOLITGLHLVHLKNECOFEELPCLRADCKEYLRKDLRDHVEKACKYREATCSHC 180
  180 KSOVPMILQKHEDTDCPCVAVVSCPHKCSVQTLRLSELNHLSECVNAPSTCSFRKRGCV 239
  181 KSOVPMILQKHEDTDCPCVAVVSCPHKCSVQTLRLSELNHLSECVNAPSTCSFRKRGCV 240
  240 FOGTNOQIKAEHASSAVOHVNLKEMNSLEKVSLLQNSVEKKNKSISQSLHNOISFEL 299
  241 FOGTNOQIKAEHASSAVOHVNLKEMNSLEKVSLLQNSVEKKNKSISQSLHNOISFEL 300
  300 EIERQKEMLRNNEKILHLQVIDSOAEKLELDEKIRPRONMEEADSKSSVESLQNR 359
  301 EIERQKEMLRNNEKILHLQVIDSOAEKLELDEKIRPRONMEEADSKSSVESLQNR 360
  360 VTELESVKSAGQARNTGLLESQLSRHDDTLVSHDIRLADMDLRFOVLETAASYNGVLW 419
  361 VTELESVKSAGQARNTGLLESQLSRHDDTLVSHDIRLADMDLRFOVLETAASYNGVLW 420
  420 KIRDYKRRKQEAVMGKTLSTVSOPEYTGFGYKMCARVYLANGDMGKTHLSLFEVIMRG 479
  421 KIRDYKRRKQEAVMGKTLSTVSOPEYTGFGYKMCARVYLANGDMGKTHLSLFEVIMRG 480
  480 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSFKKPTGEMNITASGCPVFAQ 539
  481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSFKKPTGEMNITASGCPVFAQ 540
  540 TVLENGTYIKDITFIKIVYVDSLPDP 567
  541 TVLENGTYIKDITFIKIVYVDSLPDP 568

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RESULT 9

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PCT-US02-17382-131
; Sequence 131, Application PC/TUS0217382
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS, INC.
; TITLE OF INVENTION: MODIFIERS OF THE P53 PATHWAY AND METHODS OF USE
; FILE REFERENCE: EX02-062
; CURRENT FILING DATE: 2002-06-05
; CURRENT FILING DATE: 2002-06-05
; PRIOR APPLICATION NUMBER: US 60/296,076
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: US 60/328,605
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 60/357,253
; PRIOR FILING DATE: 2002-02-15
; NUMBER OF SEQ ID NOS: 234
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 131
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-17382-131

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```

Query Match 96.2%; Score 2880.5; DB 1; Length 568;
Best Local Similarity 96.0%; Pred. No. 2.9e-210;
Matches 545; Conservative 7; Mismatches 15; Indels 1; Gaps 1;
QY 1 MESSKMDAGTLOPNPLKLPDRGAGS-VLVPBEGGYKKEFKVTVEDKYCEKCRVL 59
  1 MESSKMDSPGALQTNPLKLTDRSAGTPEVPEBGGYKKEFKVTVEDKYCEKCHLV 60
  60 CNPQTECGHGFCESCMAALLSSSPKCTACQESITIKDKVFNCKREILALQYCRNE 119
  61 CSPKOTEGHGFCESCMAALLSSSPKCTACQESITIKDKVFNCKREILALQYCRNE 120
  120 GRGAEOLITGLHLVHLKNECOFEELPCLRADCKEYLRKDLRDHVEKACKYREATCSHC 179

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Db 121 SRGCAEQMLGHLVHLKNDCHFEELPCVPRPOCKEVLKDLRDVHEAKCKREATCSHC 180
Qy 180 KSOVPMIKLOKHEDTDCPCVYVSCPHKCSVOYTLRLSELSEVNAHSECVNAPSTCSFRRYGCY 239
Db 181 KSOVPMIALQKHEDTDCPCVYVSCPHKCSVOYTLRLSELSEVNAHSECVNAPSTCSFRRYGCY 240
Qy 240 FOGTNOOIKAHFASAVQVHNLKEMNSLEKVSLLONESVEKKSIOSLHNOICSEFI 299
Db 241 FOGTNOOIKAHFASAVQVHNLKEMNSLEKVSLLONESVEKKSIOSLHNOICSEFI 300
Qy 300 EIEROKEMLRNNEKSLIHLQRYVIDSOAEKLEKELKEIRPRONWEADSMKSVESLQNR 359
Db 301 EIEROKEMLRNNEKSLIHLQRYVIDSOAEKLEKELKEIRPRONWEADSMKSVESLQNR 360
Qy 360 VTELESVDKSAQOARNTGLLESQSLSRHDQTLSDVHDIADMDLRFQVLEFASVNGVLIW 419
Db 361 VTELESVDKSAQOARNTGLLESQSLSRHDQTLSDVHDIADMDLRFQVLEFASVNGVLIW 420
Qy 420 KIRDYKRRKQEAVMGKTLISLVSQPFYGYFGYKMCARVYLLNGDGMKGTHLSLFFVIMRG 479
Db 421 KIRDYKRRKQEAVMGKTLISLVSQPFYGYFGYKMCARVYLLNGDGMKGTHLSLFFVIMRG 480
Qy 480 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIASGCPVFAQ 539
Db 481 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIASGCPVFAQ 540
Qy 540 TVLENGTYIKDDTIFIKYIVDTSDLPDP 567
Db 541 TVLENGTYIKDDTIFIKYIVDTSDLPDP 568

```

RESULT 10

US-08-367-540A-7

Sequence 7, Application US/08367540A

GENERAL INFORMATION:

APPLICANT: Kieff, Elliott

APPLICANT: Mosialos, George

APPLICANT: Birnbaum, Mark

APPLICANT: Vanarsdale, Todd

APPLICANT: Ware, Carol

APPLICANT: Kaye, Kenneth M.

TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

OPERATING SYSTEM: Windows 95

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/367,540A

FILING DATE: 30-DEC-1994

ATTORNEY/AGENT INFORMATION:

NAME: Freeman, John W.

REGISTRATION NUMBER: 29,066

REFERENCE/DOCKET NUMBER: 05311/014001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-5070

TELEFAX: 617/542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 568 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

PRAGMENT TYPE: Internal

US-08-367-540A-7

Query Match 96.2%; Score 2880.5; DB 7; Length 568;

Best Local Similarity 96.0%; Pred. No. 2.9e-210;

Matches 545; Conservative 7; Mismatches 15; Indels 1; Gaps 1;

```

Qy 1 MESSKMDAAGTLQPNPLKLOPDRGAGS-VLVPQGGYKREKRYVEDKCKECLAVL 59
Db 1 MESSKMDSPGALQTPPLKLTHTDSAGTPVFPVPGGGYKREKRYVEDKCKECLAVL 60
Qy 60 CNPKTEGCHRCESOMALLSSSSPKCTACQESTIKRYKYNCKCKREILALQYCRNE 119
Db 61 CSPKTEGCHRCESOMALLSSSSPKCTACQESTIKRYKYNCKCKREILALQYCRNE 120
Qy 120 GRGCAEQMLGHLVHLKNDCHFEELPCVPRPOCKEVLKDLRDVHEAKCKREATCSHC 179
Db 121 SRGCAEQMLGHLVHLKNDCHFEELPCVPRPOCKEVLKDLRDVHEAKCKREATCSHC 180
Qy 180 KSOVPMIKLOKHEDTDCPCVYVSCPHKCSVOYTLRLSELSEVNAHSECVNAPSTCSFRRYGCY 239
Db 181 KSOVPMIALQKHEDTDCPCVYVSCPHKCSVOYTLRLSELSEVNAHSECVNAPSTCSFRRYGCY 240
Qy 240 FOGTNOOIKAHFASAVQVHNLKEMNSLEKVSLLONESVEKKSIOSLHNOICSEFI 299
Db 241 FOGTNOOIKAHFASAVQVHNLKEMNSLEKVSLLONESVEKKSIOSLHNOICSEFI 300
Qy 300 EIEROKEMLRNNEKSLIHLQRYVIDSOAEKLEKELKEIRPRONWEADSMKSVESLQNR 359
Db 301 EIEROKEMLRNNEKSLIHLQRYVIDSOAEKLEKELKEIRPRONWEADSMKSVESLQNR 360
Qy 360 VTELESVDKSAQOARNTGLLESQSLSRHDQTLSDVHDIADMDLRFQVLEFASVNGVLIW 419
Db 361 VTELESVDKSAQOARNTGLLESQSLSRHDQTLSDVHDIADMDLRFQVLEFASVNGVLIW 420
Qy 420 KIRDYKRRKQEAVMGKTLISLVSQPFYGYFGYKMCARVYLLNGDGMKGTHLSLFFVIMRG 479
Db 421 KIRDYKRRKQEAVMGKTLISLVSQPFYGYFGYKMCARVYLLNGDGMKGTHLSLFFVIMRG 480
Qy 480 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIASGCPVFAQ 539
Db 481 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIASGCPVFAQ 540
Qy 540 TVLENGTYIKDDTIFIKYIVDTSDLPDP 567
Db 541 TVLENGTYIKDDTIFIKYIVDTSDLPDP 568

```

RESULT 11

US-08-367-540B-7

Sequence 7, Application US/08367540B

GENERAL INFORMATION:

APPLICANT: Kieff, Elliott

APPLICANT: Mosialos, George

APPLICANT: Birnbaum, Mark

APPLICANT: Vanarsdale, Todd

APPLICANT: Ware, Carol

APPLICANT: Kaye, Kenneth M.

TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

OPERATING SYSTEM: Windows 95

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/367,540B
 FILING DATE: 30-DEC-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Freeman, John W.
 REGISTRATION NUMBER: 29,066
 REFERENCE/DOCKET NUMBER: 05311/014001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617/542-5070
 TELEFAX: 617/542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 568 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-08-367-540B-7

Query Match 96.2%; Score 2880.5; DB 7; Length 568;
 Best Local Similarity 96.0%; Pred. No. 2.9e-210;
 Matches 545; Conservative 7; Mismatches 15; Indels 1; Gaps 1;

QY 1 MESSKMDAAGTLPNPPLKLPDRGAGS-VLVEPOGGYKKEFYKVEDKYEKCRFLV 59
 DB 1 MESSKMDSPGALQTNPLKLTDSAGTPVFPVPOGGYKKEFYKVEDKYEKCRFLV 60
 QY 60 CNPKQTECHRCESCMALLSSSSPKCTACQESIIRKDKVCKCKREILALQYCRNE 119
 DB 61 CSPKQTECHRCESCMALLSSSSPKCTACQESIIRKDKVCKCKREILALQYCRNE 120
 QY 120 GRCACQQLTGLHLVHLKNECFEELPCLRADCKEYLRKDLRDHVEKACYREATCSHC 179
 DB 121 SRGCAQQLMGLHLVHLKNDCHFEELPCVRPCKEYLRKDLRDHVEKACYREATCSHC 180
 QY 180 KSOVPIMIKLOKHEDTDCPCVVVSCPHKCSVOQLRSELSEHLSECVNAPSTCSFRKRGCV 239
 DB 181 KSOVPIMIALOKHEDTDCPCVVVSCPHKCSVOQLRSELSEHLSECVNAPSTCSFRKRGCV 240
 QY 240 FQGTNOQIKAHESASAVOHVNLKEMSNLEKKVSLDNESEYKKSQSLHNOICSEI 299
 DB 241 FQGTNOQIKAHESASAVOHVNLKEMSNLEKKVSLDNESEYKKSQSLHNOICSEI 300
 QY 300 EIRKQEMLRNNESKTLHQRVIDSOAEKLELDEIRPFRRONMEADSMKSSVESLQNR 359
 DB 301 EIRKQEMLRNNESKTLHQRVIDSOAEKLELDEIRPFRRONMEADSMKSSVESLQNR 360
 QY 360 VTELESVDKSAGAAARNTGLLESQLSRHDQTLVHDIRLADMDLRFQVLETASYNGVLIV 419
 DB 361 VTELESVDKSAGAAARNTGLLESQLSRHDQTLVHDIRLADMDLRFQVLETASYNGVLIV 420
 QY 420 KIRDYKRRKQEAVMGKTLISQPFYTGFGYKMCARVYLANDGKGKTHLSLFFVIRNG 479
 DB 421 KIRDYKRRKQEAVMGKTLISQPFYTGFGYKMCARVYLANDGKGKTHLSLFFVIRNG 480
 QY 480 EYDALLPMPKQKVTYLTMDQSSRRHLGDAFPDNNSSSFKPTGEMNIIASGCFVFAO 539
 DB 481 EYDALLPMPKQKVTYLTMDQSSRRHLGDAFPDNNSSSFKPTGEMNIIASGCFVFAO 540
 QY 540 TVLENGTYIKDDTIFIKVIVDTSDDLDP 567
 DB 541 TVLENGTYIKDDTIFIKVIVDTSDDLDP 568

RESULT 12

US-08-367-540C-7

; Sequence 7, Application US/08367540C

; GENERAL INFORMATION:

; APPLICANT: Kieff, Elliott

; APPLICANT: Mostafaei, George

; APPLICANT: Bithendach, Mark

; APPLICANT: Vanarsdale, Todd

; APPLICANT: Ware, Carol

APPLICANT: Kaye, Kenneth M.
 TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson P.C.
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110-2804
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: FastSeq for Windows Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/367,540C
 FILING DATE: 30-DEC-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Freeman, John W.
 REGISTRATION NUMBER: 29,066
 REFERENCE/DOCKET NUMBER: 05311/014001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617/542-5070
 TELEFAX: 617/542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 568 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-08-367-540C-7

Query Match 96.2%; Score 2880.5; DB 7; Length 568;
 Best Local Similarity 96.0%; Pred. No. 2.9e-210;
 Matches 545; Conservative 7; Mismatches 15; Indels 1; Gaps 1;

QY 1 MESSKMDAAGTLPNPPLKLPDRGAGS-VLVEPOGGYKKEFYKVEDKYEKCRFLV 59
 DB 1 MESSKMDSPGALQTNPLKLTDSAGTPVFPVPOGGYKKEFYKVEDKYEKCRFLV 60
 QY 60 CNPKQTECHRCESCMALLSSSSPKCTACQESIIRKDKVCKCKREILALQYCRNE 119
 DB 61 CSPKQTECHRCESCMALLSSSSPKCTACQESIIRKDKVCKCKREILALQYCRNE 120
 QY 120 GRCACQQLTGLHLVHLKNECFEELPCLRADCKEYLRKDLRDHVEKACYREATCSHC 179
 DB 121 SRGCAQQLMGLHLVHLKNDCHFEELPCVRPCKEYLRKDLRDHVEKACYREATCSHC 180
 QY 180 KSOVPIMIKLOKHEDTDCPCVVVSCPHKCSVOQLRSELSEHLSECVNAPSTCSFRKRGCV 239
 DB 181 KSOVPIMIALOKHEDTDCPCVVVSCPHKCSVOQLRSELSEHLSECVNAPSTCSFRKRGCV 240
 QY 240 FQGTNOQIKAHESASAVOHVNLKEMSNLEKKVSLDNESEYKKSQSLHNOICSEI 299
 DB 241 FQGTNOQIKAHESASAVOHVNLKEMSNLEKKVSLDNESEYKKSQSLHNOICSEI 300
 QY 300 EIRKQEMLRNNESKTLHQRVIDSOAEKLELDEIRPFRRONMEADSMKSSVESLQNR 359
 DB 301 EIRKQEMLRNNESKTLHQRVIDSOAEKLELDEIRPFRRONMEADSMKSSVESLQNR 360
 QY 360 VTELESVDKSAGAAARNTGLLESQLSRHDQTLVHDIRLADMDLRFQVLETASYNGVLIV 419
 DB 361 VTELESVDKSAGAAARNTGLLESQLSRHDQTLVHDIRLADMDLRFQVLETASYNGVLIV 420
 QY 420 KIRDYKRRKQEAVMGKTLISQPFYTGFGYKMCARVYLANDGKGKTHLSLFFVIRNG 479
 DB 421 KIRDYKRRKQEAVMGKTLISQPFYTGFGYKMCARVYLANDGKGKTHLSLFFVIRNG 480
 QY 480 EYDALLPMPKQKVTYLTMDQSSRRHLGDAFPDNNSSSFKPTGEMNIIASGCFVFAO 539

Db 481 EYDALLPMPFKQVTLMLMDQSSRRHLGDAFKDPNSSSFKKPTGEMNIASGCPVEFAO 540
 QY 540 TVLENGTYIKDDPTFIKVIYDTSDDLDP 567
 Db 541 TVLENGTYIKDDPTFIKVIYDTSDDLDP 568

RESULT 13 US-09-791-537-84441

; Sequence 84441, Application US/09791537
 ; GENERAL INFORMATION:
 ; APPLICANT: Bionomix, Inc.
 ; APPLICANT: Debe, Derek
 ; APPLICANT: Danzer, Joseph
 ; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMB
 ; FILE REFERENCE: 261/210
 ; CURRENT APPLICATION NUMBER: US/09/791,537
 ; NUMBER OF SEQ ID NOS: 2001-02-22
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 84441
 ; LENGTH: 568
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-791-537-84441

Query Match 96.2%; Score 2880.5; DB 21; Length 568;
 Best Local Similarity 96.0%; Pred. No. 2.9e-210;
 Matches 545; Conservative 7; Mismatches 15; Indels 1; Gaps 1;

QY 1 MESSKMDAAGTLQNPPLKLPDRGAGS-VLVPDGGYKKEFKVTEDEKCKECLVYL 59
 Db 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPDGGYKKEFKVTEDEKCKECLVYL 60
 QY 60 CNPKQTECHRFCECSMAALLSSSSPKCTACQESTIKKVKYKDKCKREILALQYCRNE 119
 Db 61 CSPKQTECHRFCECSMAALLSSSSPKCTACQESTIKKVKYKDKCKREILALQYCRNE 120
 QY 120 GRCGAEQLTLGHLVHLKNECOFEELPCLRADCKEKLKDLRDHVEKACKYREATCSHC 179
 Db 121 SRGCAEQLMLGHLVHLKNDCHFEELPCVRDCKEKLKDLRDHVEKACKYREATCSHC 180
 QY 180 KSOVPMIKLOKHEDTDCPCVYVSCPHKCSVQTLRLSELSAHLSECVAAPSTCSFKRYGCV 239
 Db 181 KSOVPMIKLOKHEDTDCPCVYVSCPHKCSVQTLRLSELSAHLSECVAAPSTCSFKRYGCV 240
 QY 240 FQGTNOQIKAHESASVQHVNLKEMSNLEKQVSLQNSVEKNSIQSLHNOICSEFI 299
 Db 241 FQGTNOQIKAHESASVQHVNLKEMSNLEKQVSLQNSVEKNSIQSLHNOICSEFI 300
 QY 300 EIERKQKMLRNNEKSLIHLQVIDSQAELKELDKELRPPRQWWEADSNKSSVESLQNR 359
 Db 301 EIERKQKMLRNNEKSLIHLQVIDSQAELKELDKELRPPRQWWEADSNKSSVESLQNR 360
 QY 360 VTELESVDSKSAQAARNTGLLESQTSRHDQTLVSHDIRLADMDLRLQVETAYNYNVLL 419
 Db 361 VTELESVDSKSAQAARNTGLLESQTSRHDQTLVSHDIRLADMDLRLQVETAYNYNVLL 420
 QY 420 KIRDRKRRKQAVNGKTLISYQPFYTYGYFKMKCARVYLNGDGKSGTHLSLFFYIMNG 479
 Db 421 KIRDRKRRKQAVNGKTLISYQPFYTYGYFKMKCARVYLNGDGKSGTHLSLFFYIMNG 480
 QY 480 EYDALLPMPFKQVTLMLMDQSSRRHLGDAFKDPNSSSFKKPTGEMNIASGCPVEFAO 539
 Db 481 EYDALLPMPFKQVTLMLMDQSSRRHLGDAFKDPNSSSFKKPTGEMNIASGCPVEFAO 540
 QY 540 TVLENGTYIKDDPTFIKVIYDTSDDLDP 567
 Db 541 TVLENGTYIKDDPTFIKVIYDTSDDLDP 568

RESULT 14

US-10-042-865-166
 ; Sequence 166, Application US/10042865
 ; GENERAL INFORMATION:
 ; APPLICANT: Padigar, Muralidhara
 ; APPLICANT: Li, Li
 ; APPLICANT: Zernhusen, Bryan D
 ; APPLICANT: Casman, Stacie J
 ; APPLICANT: Shenoy, Suresh G
 ; APPLICANT: Spylek, Kimberly
 ; APPLICANT: Zhong, Mei
 ; APPLICANT: Gangolli, Esha A
 ; APPLICANT: Burgess, Catherine E
 ; APPLICANT: Paturajan, Meera
 ; APPLICANT: Vernet, Corine A.M
 ; APPLICANT: Taylor, Sarah
 ; APPLICANT: Tchernev, Velizar T
 ; APPLICANT: Miller, Charles E
 ; APPLICANT: Guo, Xiaojia
 ; APPLICANT: Boldog, Renace L
 ; APPLICANT: Grosche, William M
 ; APPLICANT: Alsobrook II, John P
 ; APPLICANT: Gerlach, Valerie L
 ; APPLICANT: Edinger, Shlomit R
 ; APPLICANT: Rothenberg, Mark E
 ; APPLICANT: Ellerman, Karen
 ; APPLICANT: MacDougall, John
 ; APPLICANT: Malyankar, Uriel M
 ; APPLICANT: Millet, Isabelle
 ; APPLICANT: Peyman, John
 ; APPLICANT: Smithson, Glenda
 ; APPLICANT: Gunther, Erik
 ; APPLICANT: Stone, David
 ; TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
 ; FILE REFERENCE: 21402-537
 ; CURRENT APPLICATION NUMBER: US/10/042,865
 ; PRIOR FILING DATE: 2002-05-17
 ; PRIOR APPLICATION NUMBER: 60/260,417
 ; PRIOR FILING DATE: 2001-01-09
 ; PRIOR APPLICATION NUMBER: 60/260,831
 ; PRIOR FILING DATE: 2001-01-10
 ; PRIOR APPLICATION NUMBER: 60/272,338
 ; PRIOR FILING DATE: 2001-02-28
 ; PRIOR APPLICATION NUMBER: 60/274,876
 ; PRIOR FILING DATE: 2001-03-09
 ; PRIOR APPLICATION NUMBER: 60/284,704
 ; NUMBER OF SEQ ID NOS: 264
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 166
 ; LENGTH: 568
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-042-865-166

Query Match 96.2%; Score 2880.5; DB 24; Length 568;
 Best Local Similarity 96.0%; Pred. No. 2.9e-210;
 Matches 545; Conservative 7; Mismatches 15; Indels 1; Gaps 1;

QY 1 MESSKMDAAGTLQNPPLKLPDRGAGS-VLVPDGGYKKEFKVTEDEKCKECLVYL 59
 Db 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPDGGYKKEFKVTEDEKCKECLVYL 60
 QY 60 CNPKQTECHRFCECSMAALLSSSSPKCTACQESTIKKVKYKDKCKREILALQYCRNE 119
 Db 61 CSPKQTECHRFCECSMAALLSSSSPKCTACQESTIKKVKYKDKCKREILALQYCRNE 120
 QY 120 GRCGAEQLTLGHLVHLKNECOFEELPCLRADCKEKLKDLRDHVEKACKYREATCSHC 179
 Db 121 SRGCAEQLMLGHLVHLKNDCHFEELPCVRDCKEKLKDLRDHVEKACKYREATCSHC 180
 QY 180 KSOVPMIKLOKHEDTDCPCVYVSCPHKCSVQTLRLSELSAHLSECVAAPSTCSFKRYGCV 239

RESULT 15
PCT-US95-06623-2
Sequence 2, Application PC/TUS9506623
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF MICHIGAN
TITLE OF INVENTION: CD40 BINDING COMPOSITIONS AND METHODS OF
TITLE OF INVENTION: USING SAME
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road

[illegible]

Search completed: December 19, 2002, 15:04:54
Job time : 148 secs

